

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	5438953
<b>Application Number:</b>	10810442
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	8969
<b>Title of Invention:</b>	Method and system for increased bandwidth efficiency in multiple input - multiple output channels
<b>First Named Inventor/Applicant Name:</b>	John W. Ketchum
<b>Customer Number:</b>	23696
<b>Filer:</b>	Kenneth K. Vu/Christine Molla
<b>Filer Authorized By:</b>	Kenneth K. Vu
<b>Attorney Docket Number:</b>	000252C1
<b>Receipt Date:</b>	02-JUN-2009
<b>Filing Date:</b>	26-MAR-2004
<b>Time Stamp:</b>	16:33:19
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$450
RAM confirmation Number	3004
Deposit Account	170026
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

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## File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/Message Digest	Multi Part /.zip	Pages (if appl.)
1	Amendment/Req. Reconsideration-After Non-Final Reject	000252C1-OA_Response-6-02-09.pdf	1433988 f6c159c1a417f9b26b27d580fc8d3635ec05 4c34	no	8

### Warnings:

### Information:

2	Terminal Disclaimer Filed	000252C1-Terminal_Disclaimer-6-02-09.pdf	295212 420804b7994d221f834743114c29d160574 36853	no	1
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### Warnings:

### Information:

3	Information Disclosure Statement (IDS) Filed (SB/08)	000252C1-IDS_As_Filed-6-02-09.pdf	1201441 2da4c45c25063e07c7f51feb2ae970a86468 9b7c	no	4
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### Warnings:

### Information:

This is not an USPTO supplied IDS fillable form

4	Fee Worksheet (PTO-875)	fee-info.pdf	33161 ce7d5de4ce97ff2732b3156d1c91b553cd0 225b6	no	2
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### Warnings:

### Information:

Total Files Size (in bytes):	2963802
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### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.